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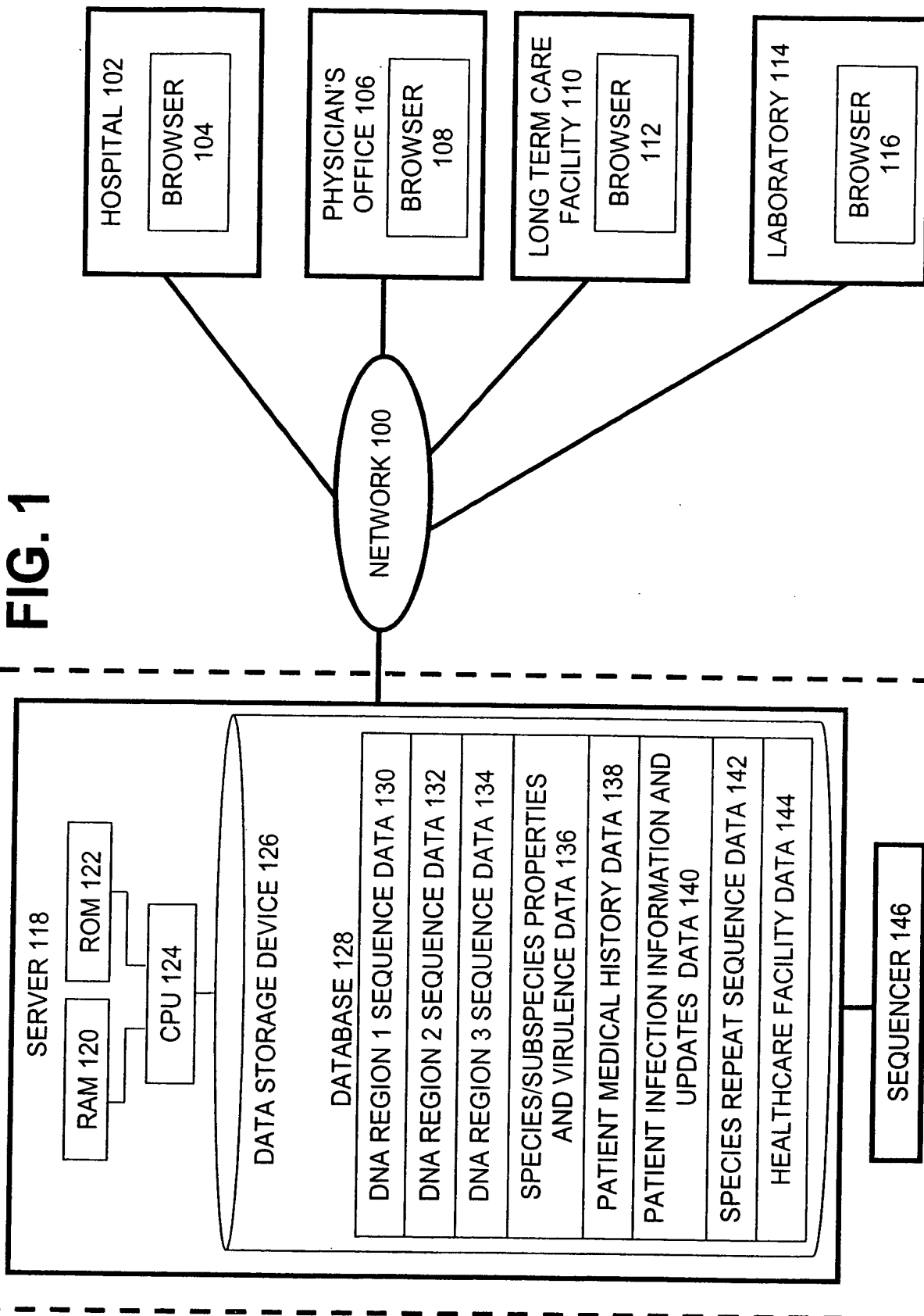
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INFECTION CONTROL FACILITY 148

FIG. 1



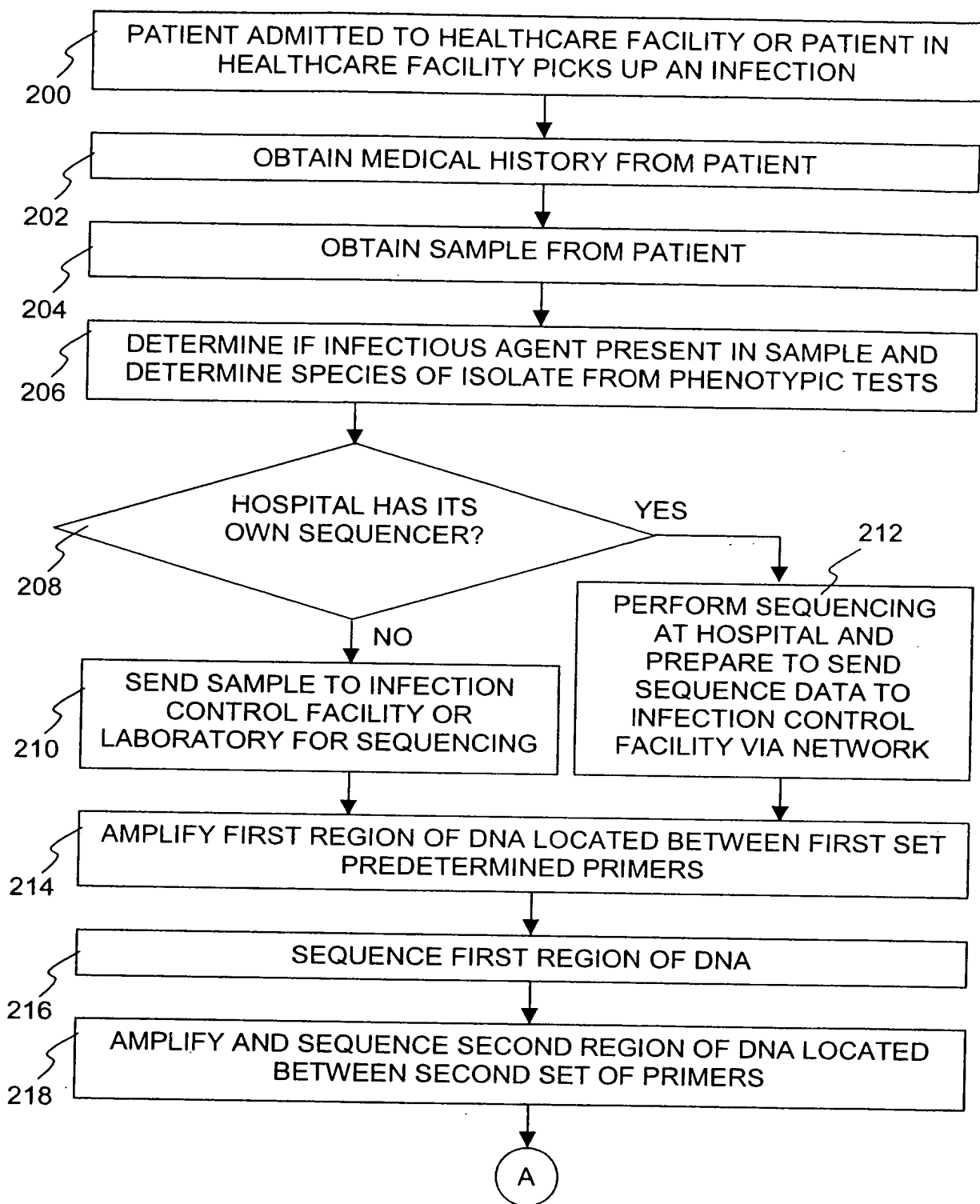


FIG. 2A

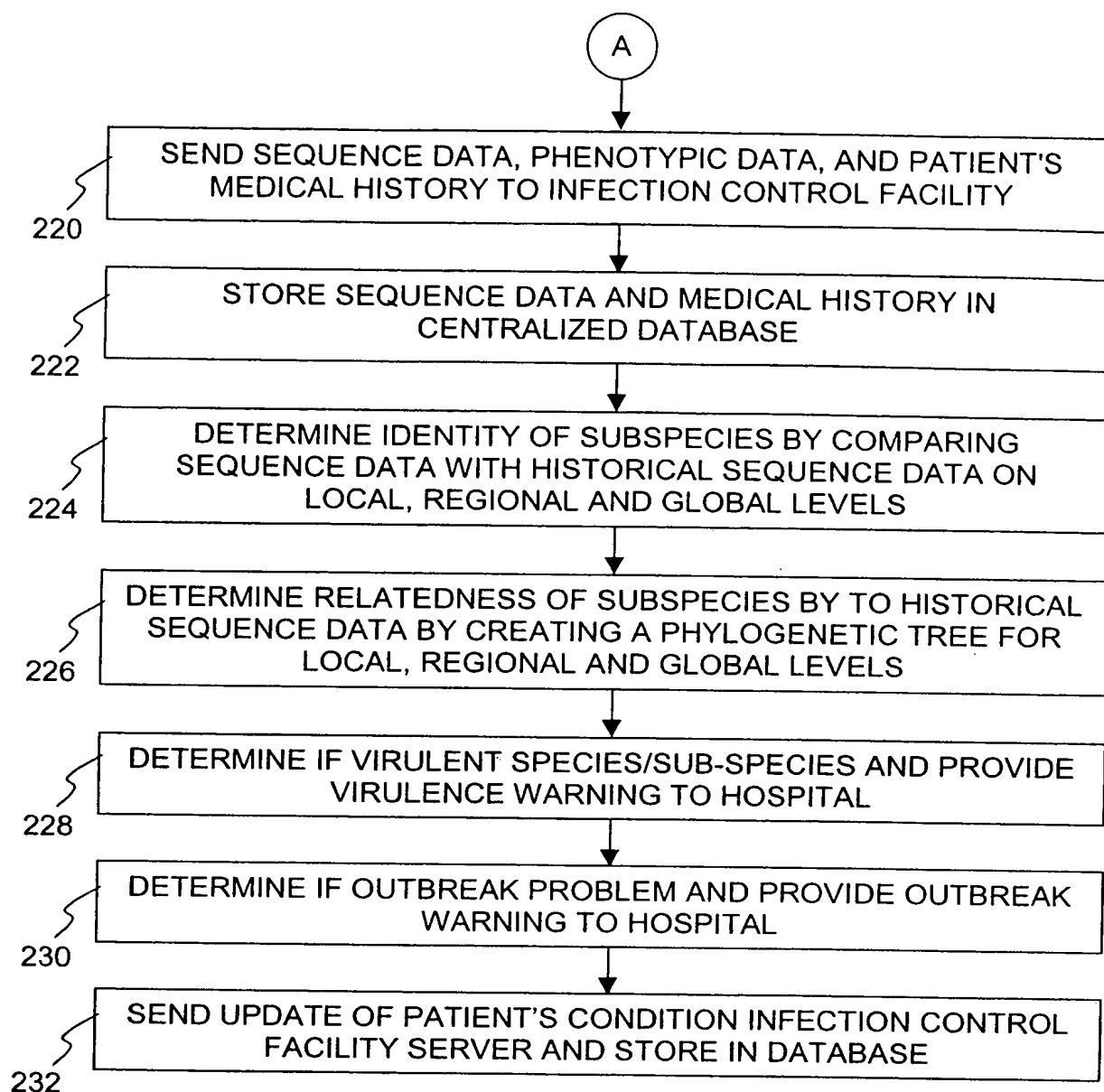


FIG. 2B

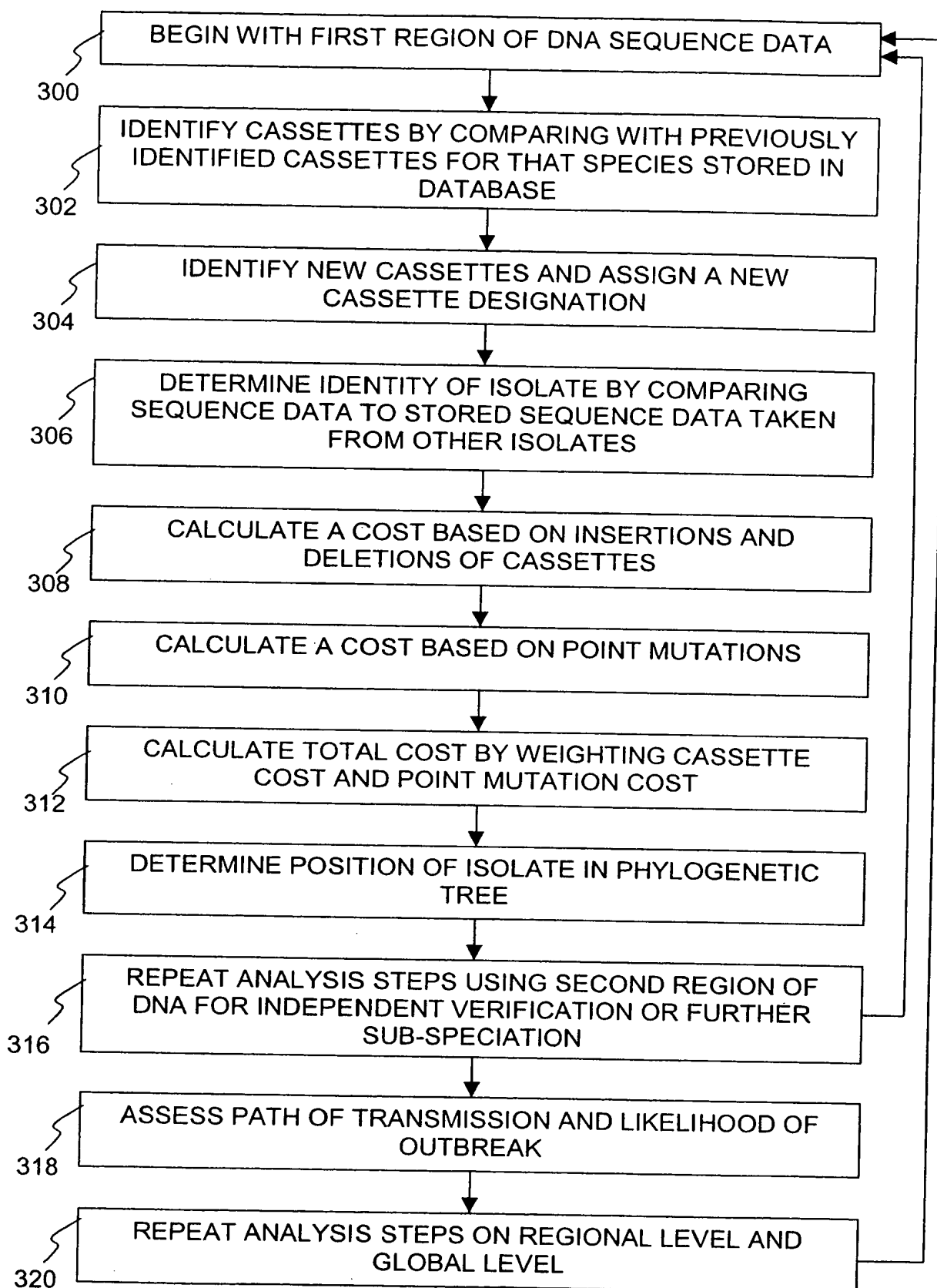


FIG. 3

400

T	GAGGAAGACAACAAAAACCTGGT
A	AAAGAAGACAACAAAAACCTGGC
B	AAAGAAGACAACAAAAACCTGGT
E	AAAGAAGACAACAACAAACCTGGT
G	AAAGAAGACAACAACAAGCCTGGT
D	AAAGAAGACAACAACAAACCTGGC
J	AAAGAAGACGGCAACAACCTGGC
K	AAAGAAGACGGCAACAACCTGGT
M	AAAGAAGACGGCAACAAGCCTGGT

FIG. 4A

404

GAGGAAGACAACAAAAACCTGGTAAAGAAGACGGCAACAACCTGGCAAAGAA
 GACGGCAACAAGCCTGGTAAAGAAGACAACAACCTGGTAAAGAAGACGGC
 ACAAGCCTGGTAAAGAAGACAACAACCTGGCAAAGAAGACGGCAACAAG
 CCTGGTAAAGAAGACAACAAGCCTGGTAAAGAAGACGGCAACAAGCCTGGT
 AAAGAAGACGGCAACAACCTGGT

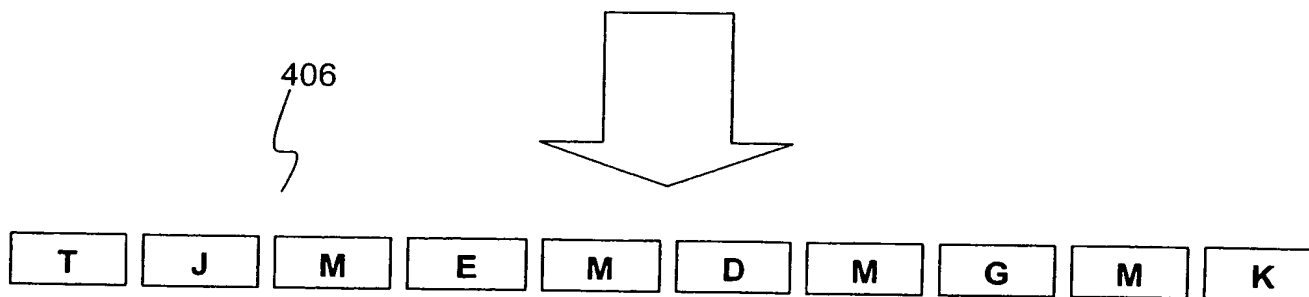


FIG. 4B

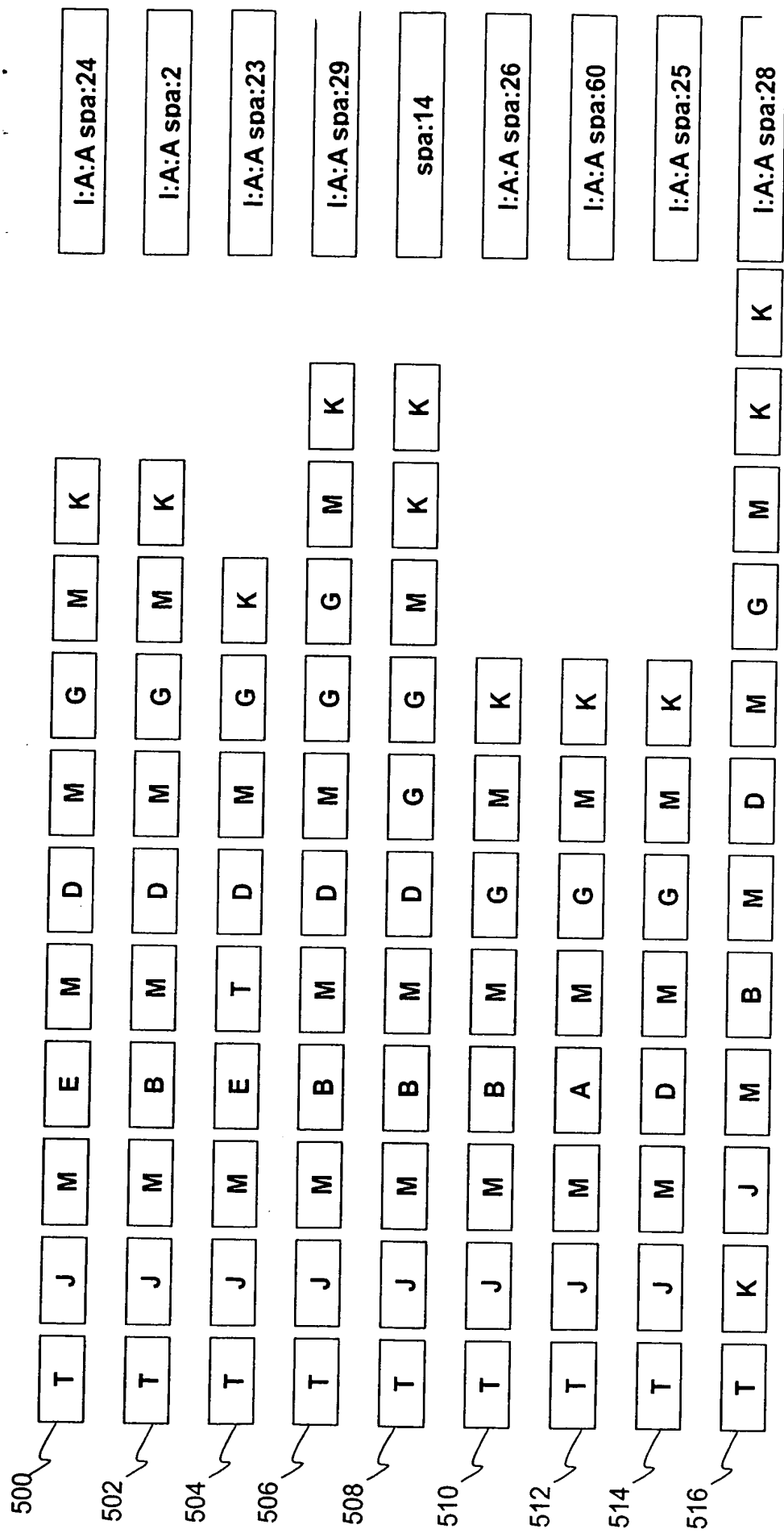


FIG. 5

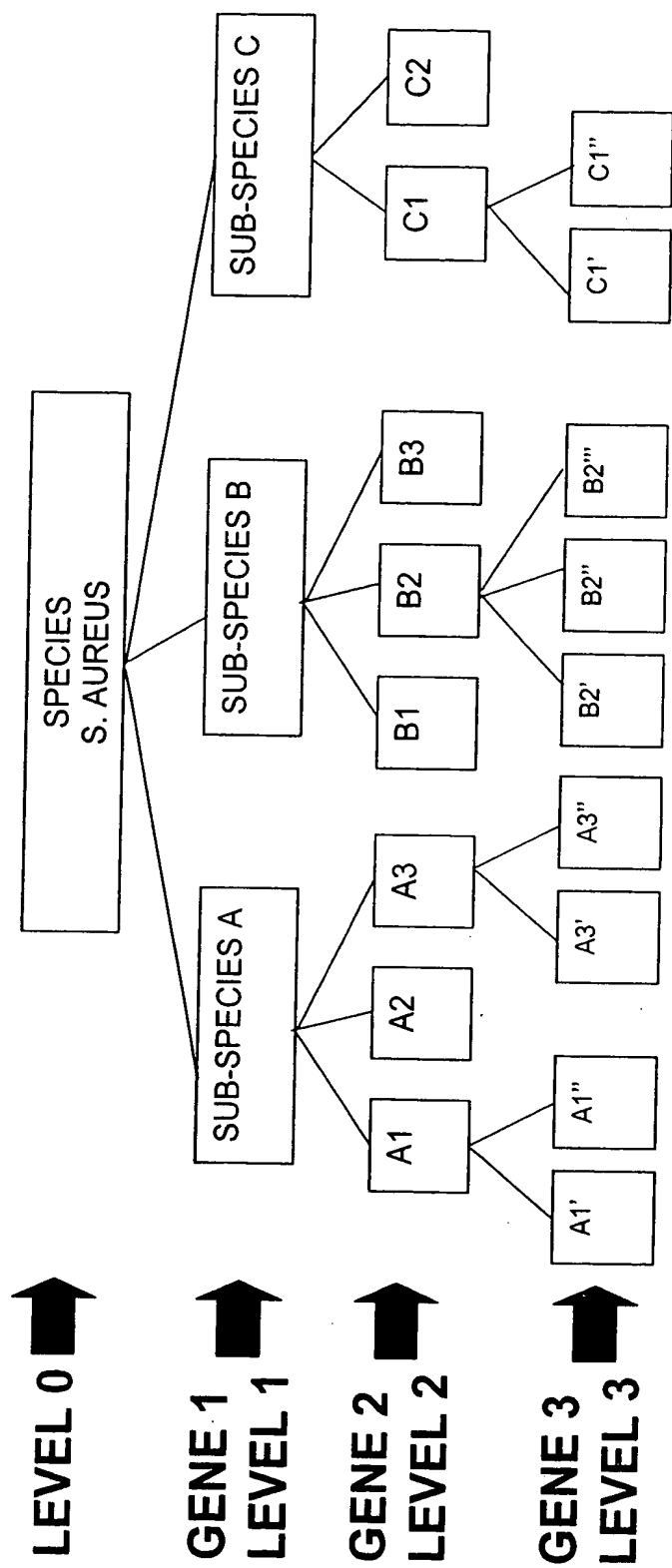


FIG. 6

SPECIES	S. aureus	S. aureus	
SUBSPECIES	A1'	B7"	
SEQ REGION 1	ATTCATAGAT...		
SEQ REGION 2	CGTACTATCC...		
SEQ REGION 3	ATTCGTTATA...		
REGION 1 PRIMERS			
REGION 2 PRIMERS			
REGION 3 PRIMERS			
REPEATS REGION 1	TKJMP..		
REPEATS REGION 2	ABABA		
REPEATS REGION 3	TYYT		
DATE	June 5, 2000		
PATIENT MEDICAL HISTORY	Hospitalized in New York Hospital, June 2000 for 3 weeks, heart surgery...		
PATIENT MEDICAL UPDATE INFO	Patient hospitalized 3 weeks for infection and released....	Patient died due to infection after two weeks...	
LOCATION	Mt. Sinai Hospital, Toronto, Burn Ward	New York City Hospital, ICU	
PHAGE TTYPE			

FIG. 7A

S. AUREUS			
SEQ REGION	REPEAT 1	REPEAT 2	REPEAT 3
PROTEIN A X _R	AATTCGCCTAGG..	AATTCCCCTAGG..	TAGGCCGT...
REGION 2	TTAAAGGCCTGA..	GGTTCCAATAAT..	GGTTAACC..
REGION 3			

FIG. 7B

SEQ ID NO 52

[illegible]

SEQ ID NO 50

SEQ ID NO 59

Fig. 9B

SEQ ID NO 53

Fig. 9C

AATAATGAGAATGTTGTACGTTATGGTGGTGAAGTGCTGATGGTGATTTCAGCAGTAAATCCGAAAGACCCACTCC
 AGGCGGCTTCAGT
 GATTTCGGATTTCAGACAGT SEQ ID NO 55
 GACTCAGGCTCAGACAGC SEQ ID NO 56
 GACTCAGGTTTCAGATAGC SEQ ID NO 57
 GACTCAGAATCAGATAGC SEQ ID NO 58
 GATTTCGGATTTCAGACAGT
 GATTTCAGATTTCAGACAGC SEQ ID NO 59
 GACTCAGAATCAGATAGC
 GATTTCAGAATCAGATAGC SEQ ID NO 60
 GACTCAGATTTCAGATAGC SEQ ID NO 61
 GATTTCAGATTTCAGATAGC SEQ ID NO 62
 GATTTCAGATTTCAGATAGC
 GATTTCGGATTTCAGACAGT
 GATTTCAGATTTCAGACAGC
 GACTCAGAATCAGATAGC
 GACTCAGAATCAGATAGT SEQ ID NO 63
 GAGTCAGATTTCAGACAGT SEQ ID NO 64
 GACTCGGACTCAGACAGT SEQ ID NO 65
 GATTTCAGACTCAGATAGC SEQ ID NO 66
 GATTTCAGACTCAGATAGC
 GATTTCAGATTTCAGACAGC
 GACTCAGATTTCAGACAGC SEQ ID NO 67
 GACTCAGACTCAGATAGC SEQ ID NO 68
 GACTCAGACTCAGACAGC SEQ ID NO 69
 GACTCAGATTTCAGATAGC
 GATTTCAGACTCAGACAGC SEQ ID NO 70
 GACTCAGACTCAGACAGC
 GACTCAGACTCAGATAGC
 GATTTCAGATTTCAGATAGC
 GATTTCAGACTCAGACAGC
 GATTTCAGATTTCAGATAGC
 GATTTCGGACTCAGACAGC SEQ ID NO 71
 GATTTCAGATTTCAGACAGC
 GACTCAGACTCGGATAGC SEQ ID NO 72
 GATTTCAGATTTCAGATAGC
 GATTTCGGATTTCAGACAGT
 GATTTCAGATTTCAGACAGC
 GACTCAGACTCGGATAGC
 GACTCAGACTCAGACAGC
 GATTTCAGACTCAGATAGC
 GACTCAGACTCGGATAGC
 GACTCGGATTTCAGATAGC SEQ ID NO 73
 GACTCAGACTCAGATAGT SEQ ID NO 74
 GACTCCGATTCAAGAGTT SEQ ID NO 75
 ACACAAAACCTGATGCTTTACCA

Fig. 10B

1-2-3-4-1-5-4-6-7-8-8-1-5-4-9-10-11-12-12-5-13-14-15-7-16-15-14-7-16-7-17-5-18-8-1-5-18-15-12-18-19-20-21

Fig. 10E

TCAGCAGTAAATCCGAAAGACCCAA**ACTCCAGGGCGGCCGGTTGAC**C**GCTGTACCATGTCCATACCAGTACCAGA**T**GC**
ATCCCAATCATGGTGACATCTGGATTGGCTGTAACCGGAATCATACCAACAGCGGATT**CCC**

GATTCCGATTTCAGACAGT
GACTCAGGCTCAGACAGC
GACTCAGGTTTCAGATAGC
GACTCAGAATCAGATAGC
GATTCCGATTTCAGACAGT
GATTTCAGATTTCAGACAGC
GACTCAGAATCAGATAGC
GATTTCAGAATCAGATAGC
GACTCAGATTTCAGATAGC
GATTTCAGATTTCAGATAGC
GATTTCAGAATCAGATAGC
GATTCCGATTTCAGACAGT
GATTTCAGATTTCAGACAGC
GACTCAGAATCAGATAGC
GACTCAGAATCAGATAGT
GAGTCAGATTTCAGACAGT
GACTCCGACTTCAGACAGT
GATTTCAGACTCAGATAGC
GATTTCAGACTCAGATAGC
GATTTCAGACTCAGACAGC
GATTTCAGATTTCAGACAGC
GACTCAGAATCAGACAGC
GACTTCAGACTCAGATAGC
GACTTCAGACTCAGACAGC
GACTTCAGATTTCAGATAGC
GATTCCGACTCAGACAGC
GACTTCAGACTCAGATAGC
GACTTCAGACTCAGACAGC
GACTTCAGATTTCAGATAGC
GATTCCGACTCAGACAGC
GATTTCAGATTTCAGACAGC
GACTTCAGACTTCGGATAGC
GATTTCAGATTTCAGACAGC
GACTTCAGACTTCGGATAGC
GACTCCGATTTCAGATAGT
GACTCCGATTTCAGAGTTT

SEQ ID NO 79

SEQ ID NO 80

NCAGCATGCAATGATCAACACATAGCACCATCAAATCCTAAAGGTGAAGTAAACCATTCCTAATAAGGTATCAAAACA
 ACACAAAACCTGATGCTTTACCGAAACAGGAGATAAGAGCGAAAACACAAATGCAACTTTATTTGGTGCAATG

Fig. 10C

Repeat pattern isolate 2:

1-2-3-4-1-5-4-6-7-8-6-1-5-4-9-10-11-12-12-16-5-22-14-15-7-16-15-14-16-7-17-5-18-5-18-23-21

Fig. 10F